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By: Lewis J. Kreisler
Lewis J. Kreisler
Reg. No. 38522

Date: 1/14/04

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Shalini Sharma, et al.	Atty. Ref.:	18015-D1
Appl. No.:	10/684,644	Group Art Unit:	1624
Filed:	October 14, 2003	Examiner:	S. Patel
Title:	COMPOUNDS FOR THE TREATMENT OF METABOLIC DISORDERS		

* * * * *

January 14, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Examiner is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are in the parent application serial number 10/167,839 and are therefore not being submitted with this IDS.

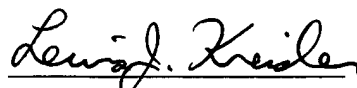
This Communication is being filed within three months of the filing date or before the mailing of a first Office Action on the merits. Consideration of this Statement is respectfully requested.

Inventor(s): Sharma, et al.
Application No.: 10/684,644
Page 2

The documents WO 97/30017 and WO 98/07681, which are not in the English language each contain an English-language abstract. In addition, each of them contains chemical structures that use Latin characters and are not language specific.

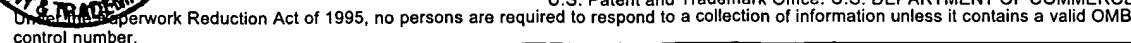
It is believed that no fee is required in connection with the filing of this Statement. If any fee is required, the Commissioner is hereby authorized to charge the amount of such fee to Deposit Account No. 50-1677.

Respectfully submitted,

A handwritten signature in cursive script, reading "Lewis J. Kreisler". The signature is written in dark ink and is positioned above the printed name.

Lewis J. Kreisler
Reg. No. 38522
Attorney for Applicant(s)

930 Clopper Road
Gaithersburg, MD 20878
Phone: (240) 631-2500 x3276
Facsimile: (240) 683-3794



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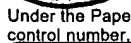
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 10

Compleat if Known

Application Number	10/684,644
Filing Date	October 14, 2003
First Named Inventor	Shalini Sharma
Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D1

U.S. PATENT DOCUMENTS[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials ²	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 61040270 (abstract)				
		JP 55015460 (abstract)				
		GB 1488330 (abstract)				
		JP 52025734 (abstract)				
		DE 2527066 (abstract)				
		DE 2459468 (abstract)				
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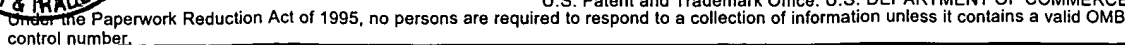
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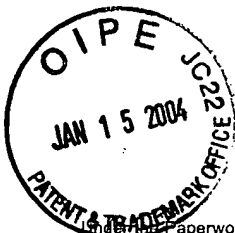
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Substitute for form 1449B/PTO		Completion if Known	
		Application Number	10/684,644
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	October 14, 2003
		First Named Inventor	Shalini Sharma
		Group Art Unit	1624
		Examiner Name	Sudhaker Patel
		Attorney Docket Number	18015-D1
Sheet	5	of	10

NON PATENT PUBLICATIONS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Karche, et al., "Electronic Effects in Migratory Groups...", Journal of Organic Chemistry, Vol. 66, No. 19, pages 6323-6332, 2001. (Abstract)	
		Poupardin, et al., "First approach to the cycloisodityrosine unit of RA-IV", Tetrahedron Letters, Vol. 42, No. 8, pages 1523-1526, 2001. (Abstract)	
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		Girard, et al. "Syntheses of the syn and anti .alpha.-amino-.beta.-hydroxy acid of vancomycin:...", Tetrahedron Letters, Vol. 37, No. 44, pages 7967-7970, 1996. (Abstract)	
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		Rao, et al., "Studies on cyclodepsipeptides. Part II. The total synthesis of jaspamide and geodiamolide-D", Tetrahedron Letters, Vol. 34, No. 44, pages 7085-7088, 1993. (Abstract)	

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		First Named Inventor	Shalini Sharma
		Group Art Unit	1624
		Examiner Name	Sudhaker Patel
		Attorney Docket Number	18015-D1
Sheet	6	of	10

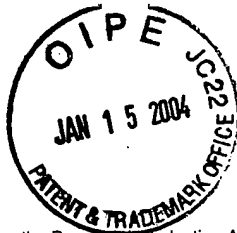
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		Colotta, et al., "Tricyclic heteroaromatic systems...", Farmaco, Vol. 46, No. 10, pages 1139-1154, 1991. (Abstract)	
		Dillard, et al., "(Phenylmethoxy) phenyl derivatives of w-oxo- and w-tetrazolylalkanoic acids...", J. Med. Chem., Vol. 34, No. 9, pages 2768-2778, 1991. (Abstract)	
		Bose, et al., "Synthesis of 4-phenylcoumarins from Dalbergia volubilis and Exostema caribaeum", Phytochemistry, Vol. 30, No. 7, pages 2438-2439, 1991. (Abstract)	
		Bose, et al., "Synthesis of 4-phenylcoumarins", Indian J. Chem., Sect. B, Vol. 29B, No. 5, pages 422-444, 1990. (Abstract)	
		Colotta, et al., "Tricyclic heteroaromatic systems...", J. Med. Chem., Vol. 33, No. 9, pages 2646-2651, 1990. (Abstract)	
		Kameo, et al., "Studies on hypolipidemic agents, IV. 3-[4-(Phenylthio) benzoyl] propionic acid derivatives", Chem. Pharm. Bull., Vol. 37, No. 5, pages 1260-1267, 1989. (Abstract)	
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		Colotta, et al., "The correct synthesis of 2,3-dihydro-2-aryl-4-R-[1] benzopyrano [4,3-c] pyrazole-3-ones", Tetrahedron Letters, Vol. 28, No. 43, pages 5165-5168, 1987. (Abstract)	
		Tanaka, et al., "Total synthesis of daphneticin, a coumarinolignoid", Chem. Pharm. Bull., Vol. 34, No. 2, pages 628-632, 1986. (Abstract)	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/684,644
		Filing Date	October 14, 2003
		First Named Inventor	Shalini Sharma
		Group Art Unit	1624
		Examiner Name	Sudhaker Patel
Sheet 7 of 10	Attorney Docket Number	18015-D1	

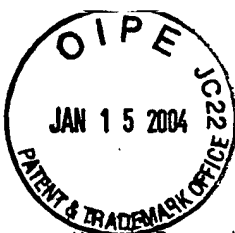
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		Ahluwalia, et al., "Synthesis of stevenin and melanettin", Symp. Pap.- IUPAC Int. Symp. Chem. Nat. Prod., 11th, Volume 3, pages 11-13, 1978. (Abstract)	
		Yamaguchi, "Degradation of protolignin with metallic sodium in liquid ammonia", Ringyo Shikenjo Kenkyu Hokoku, Vol 281, pages 1-78, 1976. (Abstract)	
		Okumura, et al., "Synthesis of chromone-3-carboxanilides", Chem. Pharm. Bull., Vol 22, No. 2, pages 331-336, 1974. (Abstract)	
		Von Wacek, et al., "Synthesis of methoxylated compounds for a comparative investigation of the stability of methyl ether groups", Monatsh. Chem, Vol. 97, No. 3, pages 744-753, 1966. (Abstract)	
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		Entzeroth, et al., "Preparation of 3- (3-indolyl) Lactic acids...", Liebigs Ann. Chem., No. 2, pages 226-230, 1983. (Abstract)	
		Bhakuni, et al., Biosynthesis of tylophorine and tylophorinine", Tetrahedron, Vol. 37, No. 2, pages 401-407, 1981. (Abstract)	
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		Oka, et al., "Syntheses of N-heterocyclic compounds. XXVI. Syntheses of pyrido [3,4-d] pyridazine derivatives", Chem. Pharm. Bull., Vol. 23, No. 10, pages 2306-2317, 1975. (Abstract)	

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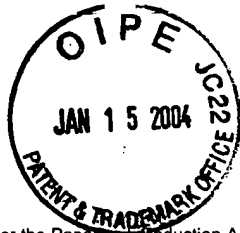
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		Saunders, et al., "Syntheses of carbon-14-labeled prizidilol dihydrochloride", J. Labelled Compd. Radiopharm., Vol. 22, No. 9, pages 869-881, 1985. (Abstract)	
		Arnoldi, et al., "Synthesis and sweet taste of some 2-phenylbenzodioxanes", J. Agric. Food Chem., Vol. 34, No. 2, pages 339-344, 1986. (Abstract)	
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		Ahluwalia, et al., "An unambiguous synthesis of melanin", Indian J. Chem., Sect. B, Vol. 21B, No. 3, pages 186-188, 1982. (Abstract)	
		Pelter, et al., "Synthesis and NMR spectra of 2,6- and 2,4-diaryl-3,7-dioxabicyclo [3.3.0] octanes", J. Chem. Soc., Perkin Trans. 1, No. 1, pages 183-190, 1982. (Abstract)	
		Mangla, et al., "Synthesis of substituted 6,7-diphenyl-1,2,3,5,8,8a-hexahydroindolizines", Indian J. Chem., Sect. B, Vol. 19B, No. 11, pages 931-937, 1980. (Abstract)	
		Mangla, et al. "Synthesis of tylophorine", Tetrahedron, Vol. 36, No. 17, pages 2489-2490, 1980. (Abstract)	
		Ahluwalia, et al., "A novel synthesis of 4-phenylcoumarins having a free hydroxyl group in the phenyl ring: synthesis of melanettin and stevenin", Heterocycles, Vol. 14, No. 9, pages 1329-1330, 1980. (Abstract)	
		Charlton, et al., "The synthesis of 2-methylchromone-3-carboxylic acid", J. Heterocycl. Chem., Vol. 17, No. 3, pages 593-594, 1980. (Abstract)	

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		Liu, et al., "The New Antidiabetic Drug MCC-555 Acutely Sensitizes Insulin Signaling in Isolated Cardiomyocytes", Endocrinology, Vol 139, No. 11, pages 4531-4539, (1998).	
		Kees, et al., "Perfluoro-N-[4-(1 H-tetrazol-5-ylmethyl) Phenyl]-alkanamides. A New Class of Oral Antidiabetic Agents", Journal of Medicinal Chemistry, Vol. 32, pages 11-13, (1989).	
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		Abstract 560-P, Hodge, et al. "PN2022: Antidiabetic Efficacy and Reversal of Steatohepatitis in ob/ob Mice", Diabetes, Abstract Book 62nd Scientific Sessions, Vol. 51 Suppl. 2, page A139, June 2002.	
		Abstract 561-P, Hodge, et al., "PN2034: Orally Active Antidiabetic Agent with a Unique Spectrum of Activity and Enhanced Safety Profile", Diabetes, Abstract Book 62nd Scientific Sessions, Vol. 51 Suppl. 2, page A139, June 2002.	
		Abstract 568-P, Lu, et al., "A Novel Antidiabetic Agent That Is a Selective PPAR Modulator", Diabetes, Abstract Book 62nd Scientific Sessions, Vol 51, Suppl. 2., page A141, June 2002.	
		Abstract 586-P, von Borstel, et al. "PN2034: Reversal of Insulin Resistance and Attenuation of Weight Gain in Mice on a High-Fat Diet", Diabetes, Abstract Book 62nd Scientific Sessions, Vol 51, Suppl. 2, page A145, June 2002.	
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		Poster #568, Lu, et al., "PN2034-A Novel Antidiabetic Agent That Is a Selective PPAR Modulator", Presentation given at the 62nd Scientific Sessions, Meeting of the American Diabetes Association on June 14-18, 2002 and corresponding to Abstract 568-P.	
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		Filing Date	October 14, 2003
		First Named Inventor	Shalini Sharma
		Group Art Unit	1624
		Examiner Name	Sudhaker Patel
Sheet 10 of 10	Attorney Docket Number	18015-D1	

NON PATENT PUBLICATIONS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Owada, et al., "Improved synthesis of tricin", Nippon Kagaku Zasshi, Vol. 91, No. 10, pages 1002-1003, 1970. (Abstract).	
		Veronese, et al., "Ozonolysis of derivatives of 7-hydroxytryptophan", Gazz. Chim. Ital., Vol. 97, No. 1, pages 18-24, 1967. (Abstract)	
		Kawamatsu, et al., Studies on antihyperlipidemic agents. Part 1. Synthesis and hypolipidemic activities of phenoxyphenylalkanoic acid derivatives", Arzneim. Forsch. Vol. 30, Issue 3, pages 445-459, 1980. (Abstract)	
		Chemical Abstract DN 132:22755, also cited as WO99/62520.	
		Chemical Abstract DN 126:74645, also cited as J. Chem. Soc., Parkins Transactions 1, Org & Bio-Org. Chem., 21, 2603-2613, 1996.	
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		Chemical Abstract DN 113: 115839, also cited as Synthetic communications, 20/5,773-81, 1990.	
		Chemical Abstract DN 99: 122287, also cited as EP 71399.	
		Kawamatsu et al., Arzneim. Forsh., Vol. 30 ISS3, 454-459, 1980.	

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